

Subject: Cooling Info - Meeting Friday @ 2 pm - 50B-6208

Date: Wed, 15 Aug 2001 16:08:57 -0700

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Hi All,

I am enclosing a spreadsheet for recording test results from the fitting testing regimen. Included in the sheet is a test sequence and leak spec's. Please use this format for recording test results from now on, so that it's easier to understand. Also, I think we should have a cooling specific meeting sometime soon. I propose friday afternoon, if it's all right with everyone else. I scheduled the 6208 conference room for 2-3 pm, and no one who's on calendar has conflicts (though you're not all on calendar!!). Please let me know if this is not a good time, so that we can change it. I am reprinting an earlier email below, as a proposed agenda of discussion for the meeting (approximate, of course):

1. Glue testing (of "neat" resin samples):

-It appears that all samples have silane in them, which is the one unknown in the samples that showed leaky discharge (sounds like a medical condition...) so we need to make new samples with no silane.

-The current samples in C3F8 are in old liquid, which is hyper-irradiated. We will drain this vessel, clean it, and refill with new C3F8. However, we will use the samples that were NOT stored in the container over the weekend, so that they are "fresh." These samples may

or may not have silane in them, and we must determine this. The "dirty"

samples from the weekend will be stored until we decide what further actions to take.

2. Testing of luer locks:

-Tom will send a summary of the tests that have been completed on the luer locks so far. I will include these results in our results matrix (previous version attached below).

3. Test regimen in general:

-The proof test is now at 10 bar, and will be done for only a few minutes, as it is simply a test to guard against physical destruction of

the fittings. The 4 bar test is the quantitative one.

-For thermal cycling, we will use the environmental chamber and do a large batch of fittings. The test will be programmed, and may take a few days for all 50 cycles. Eitan should mention any headway made in programming the environmental chamber for thermal cycling.

4. Laser Welding:

-New tubes were sent to laser welder with larger diameter, for hopefully better welding results (update).

-Gil will plan to visit EB in september. Maybe he can verify their

ability to handle and guard fragile tubes at that time (for actual sector production).


-We need to meet with Fred to discuss laser welded luer lock fitting, and what may be done to make it smaller.

5. Other fittings:

-We need to discuss indium fittings and what is being (or needs to be) done with them.

See you then!

Neal

 Fitting Test Sheet.xls	Name: Fitting Test Sheet.xls Type: EXCEL File (application/msexcel) Encoding: base64 Download Status: Not downloaded with message
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